

U.S. Pat. App. Ser. No. 10/633,734
Supplemental Amendment

Listing of Claims

Claims 1-3 (canceled)

Claim 4 (currently amended): A fiber coating applicator, comprising:

a chamber,

a cup positioned over the chamber, and

an entrance die assembly mounted into a first opening chamber entrance opening between the cup and the chamber,

~~the first opening being threaded to receive a first set screw, the entrance die assembly including a first an entrance die insert mounted into a first an entrance fitting, the first the entrance fitting held in position by a first an entrance set screw that is screwed into the first opening chamber entrance opening,~~

~~the first the entrance die insert having an entrance aperture therethrough connecting the cup to the chamber,~~

the chamber including an exit aperture opposite the entrance aperture, the cup, entrance aperture, chamber, and exit aperture defining a pathway for a fiber to be coated,

the chamber further including an input port for pumping a coating material into the chamber,

the entrance aperture being dimensioned such that as ~~a fiber~~ the fiber travels along the pathway and coating material is pumped into the chamber, coating material travels upward through the entrance aperture around the fiber into the cup, the upward flow of coating material being restricted by the fiber and entrance aperture such that there is a hydrostatic pressure in the chamber,

U.S. Pat. App. Ser. No. 10/633,734
Supplemental Amendment

the exit aperture being dimensioned to shape coating material around the fiber ~~a fiber~~
~~traveling along the pathway.~~

Claim 5 (canceled)

Claim 6 (currently amended): A fiber coating applicator, comprising:

a chamber,

a cup positioned over the chamber, the cup connected to the chamber by an entrance
aperture, and

a shaping die assembly mounted into a ~~second opening~~ chamber exit opening in the
chamber opposite the entrance aperture,

~~the second opening being threaded to receive a second set screw;~~ the shaping die
assembly including a ~~second~~ an exit die insert mounted into a ~~second~~ an exit fitting, ~~the second~~
the exit fitting held in position by a ~~second~~ an exit set screw that is screwed into the ~~second~~
opening chamber exit opening,

~~the second~~ the exit die insert having an exit aperture therethrough opposite the entrance
aperture, the cup, entrance aperture, chamber, and exit aperture defining a pathway for a fiber to
be coated,

the chamber further including an input port for pumping a coating material into the
chamber